

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0001_01_s _ 2013_2				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has copies of the O&M Manuals.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0001_01_s _ 2013_5				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard maintains a stockpile of flood fight materials.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	21
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_ST0001_01_s_2013_21				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard remain current on their emergency response training and practices.					

No Photos

LM Start	0.18	Rating **	M	Issue No.	86
LM End	0.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.716733 °	38.716410 °	
			-121.823475 °	-121.817378 °	
DWR ID	DWR_ST0001_01_s_2017_86				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.61	Rating **	U	Issue No.	84
LM End	1.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.716261 °	38.726576 °	
			-121.817242 °	-121.807469 °	
DWR ID	DWR_ST0001_01_s_2017_84				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_84\_20170413\_00118.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	0.93	Rating **	M	Issue No.	47
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.719222 °	38.720183 °
				-121.815130 °	-121.813995 °
DWR ID	DWR_ST0001_01_s_2015_47				
Comment Code					
AT : Agricultural tilling					
Inspector Comment					
Tilling at landside levee toe.					

Photo 1 of 2 : SP\_2017\_ST0001\_259\_47\_20170413\_00120.jpg



Updated photo of tilling at landside levee toe, looking upstream. Spring 2017.

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>1.02</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2017\_ST0001\_259\_47\_20170320\_00038.jpg



View of tilling on the landward side of the levee looking upstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	0.98	Rating **	M	Issue No.	85
LM End	1.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.719762 °	38.720808 °
				-121.814538 °	-121.813008 °
DWR ID	DWR_ST0001_01_s_2017_85				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.12	Rating **	U	Issue No.	83
LM End	1.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.721125 °	38.726576 °
				-121.812765 °	-121.807469 °
DWR ID	DWR_ST0001_01_s_2017_83				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_83\_20170413\_00119.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	1.77	Rating **	U	Issue No.	67
LM End	7.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.728206 °	38.727486 °
				-121.806907 °	-121.730271 °
DWR ID	DWR_ST0001_01_s_2017_67				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_67\_20170413\_00103.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	2.20	Rating **	M	Issue No.	81
LM End	2.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733688 °	38.733688 °
				-121.804215 °	-121.804215 °
DWR ID	DWR_ST0001_01_s_2017_81				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Dead tree stumps on waterside levee slope.					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_81\_20170413\_00116.jpg



Dead tree stumps on waterside levee slope. Spring 2017.

LM Start	2.20	Rating **	U	Issue No.	80
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.733705 °	38.733699 °
				-121.804128 °	-121.800311 °
DWR ID	DWR_ST0001_01_s_2017_80				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_80\_20170413\_00115.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	2.41	Rating **	M	Issue No.	79	
LM End	2.54	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.733699 °		38.733332 °
				-121.800311 °		-121.798069 °
DWR ID	DWR_ST0001_01_s _ 2017_79					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

No Photos

LM Start	2.57	Rating **	A/W	Issue No.	17
LM End	2.61	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.732836 °	38.732685 °
				-121.797893 °	-121.797154 °
DWR ID	DWR_ST0001_01_s _ 2016_17				
Comment Code					
Inspector Comment					
Site identified as CRITICAL in 2002. 2006 - Currently constructing a setback levee. New failures present and extensive. Downstream end of the setback levee did not extend far enough. Upstream end was repaired. 2007 - DWR repaired with a setback levee, but the levee did not go far enough downstream. 2012 - New cracks observed. 2013 - Fresh erosion on upper bank. 2015: No observed changes. [2015 Site ID: CHC 2-4 L]					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_17\_20170320\_00019.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	2.74	Rating **	U	Issue No.	76
LM End	3.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.733595 °	38.730216 °
				-121.795123 °	-121.784506 °
DWR ID	DWR_ST0001_01_s_2017_76				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_76\_20170413\_00111.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	3.48	Rating **	A/W	Issue No.	1
LM End	3.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.732942 °	38.731626 °
				-121.784965 °	-121.785231 °
DWR ID	DWR_ST0001_01_s_2016_1				
Comment Code					
Inspector Comment					
2006 - Some significant new erosion, especially fresh upper bank slumping. Still substantial berm. 2010 - Site extended downstream, some new erosion, heavily vegetated and hard to see. Planned setback levee by CA DWR, 60% design complete, construction planned for 2012. 2011 - Construction delayed to 2013 - 2014. 2015: No observed changes. [2015 Site ID: CHC_3-4_L]					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_1\_20170320\_00001.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	3.77	Rating **	U	Issue No.	74	
LM End	4.30	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.729135 °		38.726952 °
				-121.783358 °		-121.774132 °
DWR ID	DWR_ST0001_01_s_2017_74					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 1 of 1 : SP\_2017\_ST0001\_259\_74\_20170413\_00109.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	4.43	Rating **	U	Issue No.	73
LM End	5.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.726160 °	38.724525 °
				-121.772056 °	-121.759158 °
DWR ID	DWR_ST0001_01_s_2017_73				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_73\_20170413\_00108.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	5.48	Rating **	M	Issue No.	72
LM End	5.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.724525 °	38.723714 °
				-121.759158 °	-121.755443 °
DWR ID	DWR_ST0001_01_s_2017_72				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	5.76	Rating **	M	Issue No.	69
LM End	6.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.723846 °	38.728632 °
				-121.754314 °	-121.743829 °
DWR ID	DWR_ST0001_01_s_2017_69				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.31	Rating **	C	Issue No.	44
LM End	6.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.728159 °	38.728159 °
				-121.746249 °	-121.746249 °
DWR ID	DWR_ST0001_01_f_2016_44				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Traffic tire marks have been repaired.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	6.45	Rating **	U	Issue No.	66	
LM End	7.20	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.728632 °		38.727486 °
				-121.743829 °		-121.730271 °
DWR ID	DWR_ST0001_01_s_2017_66					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 1 of 1 : SP\_2017\_ST0001\_259\_66\_20170413\_00104.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	7.24	Rating **	U	Issue No.	33
LM End	10.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.727670 °	38.707483 °
				-121.729579 °	-121.697642 °
DWR ID	DWR_ST0001_01_s_2017_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_33\_20170413\_00097.jpg



Tall grass on waterside slope, blocking visibility. Spring 2017.

LM Start	7.52	Rating **	M	Issue No.	36
LM End	7.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.729121 °	38.727456 °
				-121.724785 °	-121.718907 °
DWR ID	DWR_ST0001_01_s_2017_36				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	7.69	Rating **	M	Issue No.	29
LM End	7.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.729027 °	38.729027 °
				-121.721683 °	-121.721683 °
DWR ID	DWR_ST0001_01_s_2015_29				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_29\_20170320\_00028.jpg



View of an elderberry tree on waterward side. Fall 2016.

LM Start	7.86	Rating **	M	Issue No.	41
LM End	7.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.727543 °	38.727341 °
				-121.719083 °	-121.718676 °
DWR ID	DWR_ST0001_01_f_2016_41				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_41\_20170320\_00034.jpg



Vegetation on LS slope. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	<b>7.96</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>8.26</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727251 °	38.726874 °	
			-121.717410 °	-121.711811 °	
DWR ID	DWR_ST0001_01_s_2017_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>8.42</b>	Rating **	M	Issue No.	<b>43</b>
LM End	<b>8.69</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.726455 °	38.726439 °	
			-121.708969 °	-121.704014 °	
DWR ID	DWR_ST0001_01_s_2017_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>8.59</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>8.59</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.726212 °	38.726212 °	
			-121.705828 °	-121.705828 °	
DWR ID	DWR_ST0001_01_f_2016_34				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_34\_20170320\_00029.jpg



Rodent holes on landside slope of the levee. Fall 2016.

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable N : Not Inspected/Rated  
M : Minimally Acceptable C : Corrected  
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	8.69	Rating **	U	Issue No.	46
LM End	10.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.726437 °	38.707483 °
				-121.703992 °	-121.697642 °
DWR ID	DWR_ST0001_01_s_2017_46				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_46\_20170413\_00099.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	10.00	Rating **	M	Issue No.	25
LM End	10.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.710321 °	38.710321 °
				-121.697494 °	-121.697494 °
DWR ID	DWR_ST0001_01_f_2015_25				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_25\_20170320\_00023.jpg



Rodent burrows on waterside slope of the levee. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	10.20	Rating **	M	Issue No.	58
LM End	10.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.707470 °	38.706347 °	
			-121.697632 °	-121.696707 °	
DWR ID	DWR_ST0001_01_s _ 2017_58				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	10.20	Rating **	M	Issue No.	54
LM End	10.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.707469 °	38.706351 °	
			-121.697632 °	-121.696704 °	
DWR ID	DWR_ST0001_01_s _ 2017_54				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	10.29	Rating **	M	Issue No.	61
LM End	11.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.706352 °	38.698590 °	
			-121.696705 °	-121.674224 °	
DWR ID	DWR_ST0001_01_s _ 2017_61				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_259\_61\_20170413\_00100.jpg



Tall grass on landside slope, blocking visibility. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	04/04/2017 04/04/2017	Zach Jojola

LM Start	10.29	Rating **	M	Issue No.	65	
LM End	11.69	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.706352 °		38.698590 °
				-121.696705 °		-121.674224 °
DWR ID	DWR_ST0001_01_s_2017_65					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 1 of 1 : SP\_2017\_ST0001\_259\_65\_20170413\_00101.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	0.02	Rating **	U	Issue No.	19	
LM End	0.68	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.727386 °		38.732318 °
				-121.806114 °		-121.799097 °
DWR ID	DWR_ST0001_02_s_2017_19					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 1 of 1 : SP\_2017\_ST0001\_260\_19\_20170413\_00046.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	0.02	Rating **	U	Issue No.	16
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.727386 °	38.730089 °
				-121.806113 °	-121.805107 °
DWR ID	DWR_ST0001_02_s_2017_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_16\_20170413\_00047.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	0.18	Rating **	N	Issue No.	10
LM End	0.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.729560 °	38.729560 °
				-121.805231 °	-121.805231 °
DWR ID	DWR_ST0001_02_f_ 2015_10				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
The stump is located at the levee toe.					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_10\_20170320\_00011.jpg



View of the tree stump at the landward side of the levee looking downstream. Fall 2015.

LM Start	0.19	Rating **	M	Issue No.	21
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.729650 °	38.729650 °
				-121.805203 °	-121.805203 °
DWR ID	DWR_ST0001_02_s_ 2017_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple rodent holes on landside levee slope.					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_21\_20170413\_00048.jpg



Rodent burrows on landside levee slope. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	0.27	Rating **	N	Issue No.	6
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.730723 °	38.730723 °
				-121.804972 °	-121.804972 °
DWR ID	DWR_ST0001_02_s_2014_6				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_6\_20170320\_00007.jpg



A large black walnut tree stump is at the toe of the levee. Spring 2014

LM Start	0.63	Rating **	M	Issue No.	24
LM End	0.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.732698 °	38.732698 °
				-121.799853 °	-121.799853 °
DWR ID	DWR_ST0001_02_s_2017_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_24\_20170413\_00050.jpg



Burrow holes on landside slope. Spring 2017.

LM Start	0.68	Rating **	U	Issue No.	25
LM End	2.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.732335 °	38.726412 °
				-121.799131 °	-121.777917 °
DWR ID	DWR_ST0001_02_s_2017_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_25\_20170413\_00051.jpg



Tall grass on landside slope blocking visibility. Spring 2017.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	0.68	Rating **	M	Issue No.	28
LM End	0.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.732317 °	38.732078 °
				-121.799097 °	-121.798096 °
DWR ID	DWR_ST0001_02_s_2017_28				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.74	Rating **	U	Issue No.	29	
LM End	1.88	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.732078 °		38.728189 °
				-121.798096 °		-121.783913 °
DWR ID	DWR_ST0001_02_s_2017_29					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 1 of 1 : SP\_2017\_ST0001\_260\_29\_20170413\_00052.jpg



Tall grass on waterside levee slope blocking visibility. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	0.95	Rating **	A/W	Issue No.	30
LM End	0.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.732973 °	38.732973 °
				-121.794448 °	-121.794448 °
DWR ID	DWR_ST0001_02_s_2017_30				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Small sloughing on waterside levee slope, approximately 2".					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_30\_20170413\_00053.jpg



Sluffing recorded on January 17, 2017. Continue to monitor. Spring 2017.

LM Start	1.60	Rating **	A/W	Issue No.	11
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.731652 °	38.731652 °
				-121.786253 °	-121.786253 °
DWR ID	DWR_ST0001_02_s_2015_11				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
The erosion is down by the channel and does not appear to be in the levee prism.					

Photo 1 of 2 : SP\_2017\_ST0001\_260\_11\_20170320\_00012.jpg



View of the erosion on the channel looking downstream. Spring 2015.

LM Start	<b>1.60</b>	Rating **	A/W	Issue No.	<b>11 (cont)</b>
LM End	<b>1.60</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2017\_ST0001\_260\_11\_20170320\_00013.jpg



The view of the erosion from a distance. Spring 2015.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	1.67	Rating **	U	Issue No.	31
LM End	1.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.730645 °	38.730645 °
				-121.786059 °	-121.786059 °
DWR ID	DWR_ST0001_02_s_2017_31				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple rodent holes on landside slope next to debris pile.					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_31\_20170413\_00054.jpg



Rodent holes on landside slope, near burn pile. Spring 2017.

LM Start	1.88	Rating **	M	Issue No.	32
LM End	2.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.728189 °	38.726413 °
				-121.783913 °	-121.777917 °
DWR ID	DWR_ST0001_02_s_2017_32				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.95	Rating **	U	Issue No.	33
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.727765 °	38.727765 °
				-121.782742 °	-121.782742 °
DWR ID	DWR_ST0001_02_s_2017_33				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Deep rodent hole on landside levee slope.					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_33\_20170413\_00055.jpg



11' deep rodent hole on landside slope. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	2.54	Rating **	U	Issue No.	34
LM End	3.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.725280 °	38.719461 °
				-121.772683 °	-121.762147 °
DWR ID	DWR_ST0001_02_s_2017_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_34\_20170413\_00056.jpg



Tall grass on waterside slope blocking visibility. Spring 2017.

LM Start	2.54	Rating **	U	Issue No.	35
LM End	3.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.725279 °	38.719461 °
				-121.772684 °	-121.762148 °
DWR ID	DWR_ST0001_02_s_2017_35				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_35\_20170413\_00057.jpg



Tall grass on landside slope blocking visibility. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	3.24	Rating **	M	Issue No.	39
LM End	3.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.719461 °	38.720016 °
				-121.762148 °	-121.760000 °
DWR ID	DWR_ST0001_02_s _ 2017_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.24	Rating **	M	Issue No.	40
LM End	3.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.719461 °	38.722585 °
				-121.762148 °	-121.759701 °
DWR ID	DWR_ST0001_02_s _ 2017_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	3.35	Rating **	M	Issue No.	41
LM End	3.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.719861 °	38.719861 °
				-121.760246 °	-121.760246 °
DWR ID	DWR_ST0001_02_s_2017_41				
Comment Code					
DE : Debris					
Inspector Comment					
Prunings on wateside levee slope.					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_41\_20170413\_00060.jpg



Prunings on wateside levee slope. Spring 2017.

LM Start	3.43	Rating **	M	Issue No.	42
LM End	3.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.720719 °	38.721314 °
				-121.759553 °	-121.759518 °
DWR ID	DWR_ST0001_02_s_2017_42				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.53	Rating **	A/W	Issue No.	2
LM End	3.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.722138 °	38.723294 °
				-121.759736 °	-121.759588 °
DWR ID	DWR_ST0001_02_s_2016_2				
Comment Code					
Inspector Comment					
2010 - Large slump on the upper berm, a tree has recently slid down the slope. 2011 - Large slump and new erosion. 2012 - Slightly steeper slopes and cracks observed. 2015: No observed changes. [2015 Site ID: CHC_3-5_R]					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_2\_20170320\_00002.jpg



USACE 2013 Photo #1

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	3.53	Rating **	A/W	Issue No.	7
LM End	3.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.722228 °	38.723322 °
				-121.759663 °	-121.759317 °
DWR ID	DWR_ST0001_02_s_2012_7				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_7\_20170320\_00008.jpg



View of the landscaping and fence on the landward side of the levee looking downstream. Fall 2015.

LM Start	3.56	Rating **	U	Issue No.	43
LM End	3.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.722583 °	38.722499 °
				-121.759699 °	-121.755276 °
DWR ID	DWR_ST0001_02_s_2017_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_43\_20170413\_00061.jpg



Tall grass on waterside levee slope blocking visibility. Spring 2017.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	<b>3.62</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>4.09</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.723344 °	38.724321 °	
			-121.759255 °	-121.752155 °	
DWR ID	DWR_ST0001_02_s _ 2017_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>3.86</b>	Rating **	M	Issue No.	<b>45</b>
LM End	<b>4.11</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.722499 °	38.724511 °	
			-121.755275 °	-121.751925 °	
DWR ID	DWR_ST0001_02_s _ 2017_45				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>4.34</b>	Rating **	M	Issue No.	<b>46</b>
LM End	<b>4.46</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.726502 °	38.726932 °	
			-121.748683 °	-121.746585 °	
DWR ID	DWR_ST0001_02_s _ 2017_46				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	4.42	Rating **	M	Issue No.	4
LM End	4.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.726840 °	38.726840 °
				-121.747228 °	-121.747228 °
DWR ID	DWR_ST0001_02_f_2016_4				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion on LS slope near levee toe.					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_4\_20170320\_00005.jpg



Erosion on LS levee slope toward the toe. Fall 2016.

LM Start	4.83	Rating **	M	Issue No.	47
LM End	4.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.726975 °	38.726796 °
				-121.739836 °	-121.738475 °
DWR ID	DWR_ST0001_02_s_2017_47				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	4.83	Rating **	M	Issue No.	48
LM End	4.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.726973 °	38.726796 °
				-121.739825 °	-121.738475 °
DWR ID	DWR_ST0001_02_s _ 2017_48				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.91	Rating **	U	Issue No.	49
LM End	5.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.726795 °	38.725774 °
				-121.738474 °	-121.730333 °
DWR ID	DWR_ST0001_02_s _ 2017_49				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_49\_20170413\_00062.jpg



Tall grass on landside levee slope blocking visibility. Spring 2017.

LM Start	4.91	Rating **	U	Issue No.	50
LM End	5.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.726795 °	38.725775 °
				-121.738474 °	-121.730332 °
DWR ID	DWR_ST0001_02_s _ 2017_50				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_50\_20170413\_00063.jpg



Tall grass on waterside levee slope blocking visibility. Spring 2017.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	5.33	Rating **	A/W	Issue No.	13
LM End	5.37	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.722933 °	38.723467 °
				-121.760561 °	-121.760436 °
DWR ID	DWR_ST0001_02_s_2016_13				
Comment Code					
Inspector Comment					
2009 - Erosion into the levee slope. 2010 - Minor new erosion. 2011 - New erosion and a freshly fallen tree. 2012 - New animal holes and slightly steeper slopes. 2013 - New tree popout and 2 feet of erosion along the top bank. 2015: No observed changes. [2015 Site ID: CHC_5-4_L]					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_13\_20170320\_00015.jpg



USACE 2013 Photo #1

LM Start	5.39	Rating **	M	Issue No.	51
LM End	5.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.725913 °	38.727726 °
				-121.729809 °	-121.725515 °
DWR ID	DWR_ST0001_02_s_2017_51				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	5.65	Rating **	U	Issue No.	52
LM End	6.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.727725 °	38.714935 °
				-121.725514 °	-121.717421 °
DWR ID	DWR_ST0001_02_s_2017_52				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_52\_20170413\_00064.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	5.74	Rating **	U	Issue No.	53
LM End	6.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.727941 °	38.714934 °
				-121.723999 °	-121.717421 °
DWR ID	DWR_ST0001_02_s_2017_53				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_53\_20170413\_00065.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	7.05	Rating **	M	Issue No.	54
LM End	9.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.711660 °	38.678467 °
				-121.717509 °	-121.710382 °
DWR ID	DWR_ST0001_02_s_2017_54				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	7.05	Rating **	M	Issue No.	55
LM End	9.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.711660 °	38.678216 °
				-121.717510 °	-121.709944 °
DWR ID	DWR_ST0001_02_s_2017_55				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	9.48	Rating **	U	Issue No.	56
LM End	10.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.678215 °	38.678099 °
				-121.709937 °	-121.686439 °
DWR ID	DWR_ST0001_02_s_2017_56				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_ST0001\_260\_56\_20170413\_00066.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

LM Start	<b>9.48</b>	Rating **	M	Issue No.	<b>57</b>
LM End	<b>9.52</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.678230 °	38.678228 °	
			-121.709885 °	-121.709106 °	
DWR ID	DWR_ST0001_02_s _ 2017_57				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>9.84</b>	Rating **	M	Issue No.	<b>58</b>
LM End	<b>10.40</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.678186 °	38.678140 °	
			-121.703238 °	-121.692814 °	
DWR ID	DWR_ST0001_02_s _ 2017_58				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>10.75</b>	Rating **	M	Issue No.	<b>59</b>
LM End	<b>11.47</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.678099 °	38.678037 °	
			-121.686439 °	-121.673097 °	
DWR ID	DWR_ST0001_02_s _ 2017_59				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	03/30/2017 04/04/2017	Zach Jojola

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Left	2.26	04/05/2017 04/05/2017	Zach Jojola

LM Start	<b>0.01</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>2.25</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727133 °	38.695503 °	
			-121.718092 °	-121.715882 °	
DWR ID	DWR_ST0001_04_s_2017_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>0.01</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>2.25</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.727133 °	38.695503 °	
			-121.718092 °	-121.715882 °	
DWR ID	DWR_ST0001_04_s_2017_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Left	2.26	04/05/2017 04/05/2017	Zach Jojola

LM Start	2.26	Rating **	A/W	Issue No.	3
LM End	2.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.695416 °	38.695416 °
				-121.715943 °	-121.715943 °
DWR ID	DWR_ST0001_04_s_2017_3				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Scour on waterside levee slope at end of Unit 04 levee. Doesn't appear to be an imminent threat at this time.					

Photo 1 of 1 : SP\_2017\_ST0001\_261\_3\_20170413\_00004.jpg



Scour on waterside levee slope at end of Unit 04 levee. Doesn't appear to be an imminent threat at this time. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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